

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/010604

A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ H04L12/56		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ H04L12/56		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Jitsuyo Shinan Koho 1922-1996 Jitsuyo Shinan Toroku Koho 1996-2004 Kokai Jitsuyo Shinan Koho 1971-2004 Toroku Jitsuyo Shinan Koho 1994-2004		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 10-233802 A (Lucent Technologies Inc.), 02 September, 1998 (02.09.98),	3-5, 18, 19, 22-24, 37, 38
Y	Full text; Fig. 2	6-8, 25-27
A	& EP 872988 A2 & CA 2227244 A & US 6092115 A	9-14, 28-33
Y	JP 2000-49787 A (Hitachi, Ltd.), 18 February, 2000 (18.02.00), Par. No. [0032]; Fig. 2 & US 6657964 B1	6, 7, 25, 26
Y	JP 2002-344500 A (NEC Corp.), 29 November, 2002 (29.11.02), Full text; all drawings (Family: none)	8, 27
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Date of the actual completion of the international search 19 August, 2004 (19.08.04)		Date of mailing of the international search report 07 September, 2004 (07.09.04)
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2000-49856 A (Toshiba Corp.), 18 February, 2000 (18.02.00), Claims 1 to 4; all drawings (Family: none)	1,2,15-17, 20,21,34-36
A	JP 2001-358771 A (NEC Corp.), 26 December, 2001 (26.12.01), Claim 1; all drawings & EP 971518 A2 & CA 2277229 A1 & US 6415313 B1	1,2,15-17, 20,21,34-36
A	Masayoshi KOBAYASHI et al., "Koritsuteki na Prefetch o Okonau Pro Active Cash Network Kose", Shingaku Giho IN2000-150, 22 November, 2000 (22.11.00), page 106, 4.3 to page 107, 5.2, Fig.4	1-38